

Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 6			
Activity/Lesson	State	Standards	
1902: Success at Last	MO	MA.6.N.1.B.1	recognize and generate equivalent forms of fractions, decimals and benchmark percents
1903: Powered Flight	MO	MA.6.N.3.D.1	estimate and justify the results of multiplication and division of positive rational numbers
1903: Powered Flight	MO	MA.6.A.1.B.1	represent and describe patterns with tables, graphs, pictures, symbolic rules or words
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
1900: Kitty Hawks	MO	MA.7.M.1.C.1	solve problems involving addition and subtraction of time (hours, minutes and seconds)
1902: Success at Last	MO	MA.7.N.1.B.1	recognize and generate equivalent forms of fractions, decimals and percents
1903: Powered Flight	MO	MA.7.N.3.D.1	estimate and justify the results of all operations on rational numbers
1903: Powered Flight	MO	MA.7.A.1.D.1	identify functions as linear or nonlinear from tables, graphs or equations
1903: Powered Flight	MO	MA.7.D.1.C.1	select, create and use appropriate graphical representation of data, including circle graphs, histograms
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
1902: Success at Last	MO	MA.8.N.1.A.1	compare and order all rational numbers including percents, and find their approximate location on a number line
1902: Success at Last	MO	MA.8.N.1.B.1	use fractions, decimals and percents to solve problems
1902: Success at Last	MO	MA.8.D.2.B.1	compare different representations of the same data and evaluate how well each representation shows important aspects of the data
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2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grades 9-12 (Algebra I)			
Activity/Lesson	State	Standards	
1903: Powered Flight	MO	MA.9-12.D.2.A.1	apply statistical measures of center to solve problems
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grades 9-12 (Algebra II)			
Activity/Lesson	State	Standards	
1903: Powered Flight	MO	MA.9-12.M.2.E.1	use unit analysis to solve problems involving rates, such as speed, density or population density